

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A non-return valve comprising:
a hollow sealing piston received in a valve housing and biased against a valve seat by means of a spring in a basic position, so that in the basic position a pressure medium connection between two working ports in ~~the~~ a direction of flow therethrough is closed; and
~~characterized in that~~ wherein the sealing piston is manufactured by a plastics injection molding technique; wherein the sealing piston includes a star configuration of bores, through the bores of which a pressure medium may flow into a spring chamber in an opened position; and
wherein guide projections are formed between the bores, which guide projections have a triangular shape and taper in a flow-receiving direction.
2. (Currently Amended) The non-return valve in accordance with claim 1,
~~characterized in that~~ wherein the sealing piston is manufactured of ~~the~~ a plastics material PEEK.
3. (Currently Amended) The non-return valve in accordance with claim 1,
~~characterized in that~~ wherein the sealing piston is reinforced by 30% of carbon fiber.
4. (Currently Amended) The non-return valve in accordance with claim 1,
~~characterized in that~~ wherein the sealing piston includes a multiplicity of recesses on ~~the~~ an outer periphery, so that the sealing piston is guided in ~~the~~ a longitudinal bore by axial webs delimiting the recesses from each other.
5. (Canceled).
6. (Currently Amended) The non-return valve in accordance with claim 4,
~~characterized in that~~ wherein six recesses and four bores are provided.

7. (Canceled).

8. (Canceled).

9. (Canceled).

10. (Currently Amended) The non-return valve in accordance with claim 1,
~~characterized in that~~ wherein the sealing piston comprises a flow-receiving cone.

11. (Currently Amended) The non-return valve in accordance with claim 10,
~~characterized in that~~ wherein the flow-receiving cone has a rounded head.

12. (Canceled).

13. (Canceled).

14. (Canceled).

15. (New) A non-return valve comprising:

a hollow sealing piston received in a valve housing and biased against a valve seat by means of a spring in a basic position, so that in the basic position a pressure medium connection between two working ports in a direction of flow therethrough is closed; and

wherein the sealing piston is manufactured by a plastics injection molding technique;

wherein the sealing piston includes a star configuration of bores, through the bores of which a pressure medium may flow into a spring chamber in an opened position; and

wherein guide projections are formed between the bores, the guide projections having an axial length approximately corresponding to inner diameters of the bores.

16. (New) The non-return valve in accordance with claim 15, wherein the sealing piston is manufactured of a plastics material PEEK.

17. (New) The non-return valve in accordance with claim 15, wherein the sealing piston is reinforced by 30% of carbon fiber.

18. (New) The non-return valve in accordance with claim 15, wherein the sealing piston includes a multiplicity of recesses on an outer periphery, so that the sealing piston is guided in a longitudinal bore by axial webs delimiting the recesses from each other.

19. (New) The non-return valve in accordance with claim 18, wherein six recesses and four bores are provided.

20. (New) The non-return valve in accordance with claim 15, wherein the sealing piston comprises a flow-receiving cone.

21. (New) The non-return valve in accordance with claim 20, wherein the flow-receiving cone has a rounded head.

22. (New) A non-return valve comprising:

a hollow sealing piston received in a valve housing and biased against a valve seat by means of a spring in a basic position, so that in the basic position a pressure medium connection between two working ports in a direction of flow therethrough is closed; and
wherein the sealing piston is manufactured by a plastics injection molding technique;
wherein the spring is supported in the valve housing by a spring cup made of plastics;
wherein the spring cup has at its outer periphery and/or on its front side at least one sealing lip;

wherein the spring cup further includes radial sealing lips that are inclined against a direction of pressure build-up; and

wherein front-side sealing lips are inclined in the direction of pressure build-up.

23. (New) The non-return valve in accordance with claim 22, wherein the sealing piston is manufactured of a plastics material PEEK.

24. (New) The non-return valve in accordance with claim 22, wherein the sealing piston is reinforced by 30% of carbon fiber.

25. (New) The non-return valve in accordance with claim 22, wherein the sealing piston includes a multiplicity of recesses on an outer periphery, so that the sealing piston is guided in a longitudinal bore by axial webs delimiting recesses from each other.

26. (New) The non-return valve in accordance with claim 25, wherein six recesses and four bores are provided.

27. (New) The non-return valve in accordance with claim 22, wherein the sealing piston comprises a flow-receiving cone.

28. (New) The non-return valve in accordance with claim 27, wherein the flow-receiving cone has a rounded head.